

## CLAIMS

- 1) An elastic film comprising a polymer blend (A) comprising (percent by weight):
  - (I) 50 to 80% of an ethylene polymer composition comprising a recurring unit derived from an ester selected from (1) ethylenically unsaturated organic monomer of esters of unsaturated C<sub>3</sub>-C<sub>20</sub> monocarboxylic acids and C<sub>1</sub> to C<sub>24</sub> monovalent aliphatic or alicyclic alcohols, and (2) vinyl esters of saturated C<sub>2</sub>-C<sub>18</sub> carboxylic acids, wherein the ester content ranging from 2.5 to 8 wt% based on the total weight of the final ethylene polymer composition; the ethylene polymer composition having a density ranging from 0.920 to 0.935 g/mL; and
  - (II) 20 to 50% of an ethylene-based polymer component having a density ranging from 0.9 to 0.930 g/mL and a melt flow rate up to 4 g/10 min; the said component being selected from:
    - (i) a linear polyethylene (i) consisting of ethylene and 0.5 to 20% by mole of a CH<sub>2</sub>=CHR  $\alpha$ -olefin, where R is a hydrocarbon radical having 2-8 carbon atoms; and
    - (ii) a polymer blend (ii) comprising (a) 80-100 parts by weight of a random interpolymers of ethylene with at least one CH<sub>2</sub>=CHR  $\alpha$ -olefins, where R is a hydrocarbon radical having 1-10 carbon atoms, the said polymer containing up to 20 mol% of CH<sub>2</sub>=CHR  $\alpha$ -olefin and having a density between 0.88 and 0.945 g/mL; and (b) from 5 to 30 parts by weight of a random interpolymers of propylene with at least one CH<sub>2</sub>=CHR  $\alpha$ -olefin, where R is a hydrocarbon radical having from 2 to 10 carbon atoms, and optionally with ethylene, said interpolymers (b) containing from 60 to 98% by weight of units derived from propylene, from 2 to 40% by weight of recurring units derived from the CH<sub>2</sub>=CHR  $\alpha$ -olefin, and from 0 to 10% by weight of recurring units derived from ethylene, and having a xylene-insoluble fraction at room temperature greater than 70%.

said film having a ratio between the MD Elmendorf tear resistance and TD Elmendorf tear resistance of 0.3 or less.
- 2) The film of claim 1, wherein ethylene polymer composition (I) is an ethylene-butyl acrylate copolymer or ethylene-vinyl acetate copolymer.
- 3) The film of claim 1 or 2, wherein ethylene polymer (i) has a comonomer selected from

butene-1, hexene-1, octene-1 and 4-methyl-1-pentene.

- 4) The film of claim 1, wherein in polymer blend (ii) polymer (a) is an ethylene-butene-1 copolymer.
- 5) The film of claim 1, wherein in polymer blend (ii) polymer (b) is a propylene-ethylene-butene-1 terpolymer.
- 6) An elastic banding tape according to claims 1 to 5.